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(54) Title: IMPROVED EXTRACTION OF A PROTEINACEOUS MACROMOLECULE FROM A BIOLOGICAL SAMPLE

(57) Abstract: The invention provides a method of treating a biological sample to extract a macromolecule under acidic conditions. In one aspect the present invention provides a method for enhancing the solubilisation of at least one proteinaceous macromolecule in a biological sample without inducing substantial acid hydrolysis of said proteinaceous macromolecule, said method comprising incubating the biological sample in a solubilisation reagent at a pH between about pH 1.0 and about pH 6.0. The invention also provides novel reagents and kits for extraction of macromolecules from biological samples.

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